SONY

FIU-810 Puppy®
Fingerprint Identity Token

Now from Sony comes the ultimate tool for IT authentication and communication: the FIU-810 Puppy Fingerprint Identity Token. Featuring advanced on-board fingerprint imaging, processing, and storage, standards-based cryptographic technology and on-board file storage capacity, this USB-based Puppy unit is a best-of-breed product!

Identity Management. Single sign-on with multi-factor authentication eliminates the need for password entry and improves user efficiency and productivity. Small USB form factor allows for user mobility and credential transport.

Trusted, Paperless Workflow and Communication. This standards-based PKI USB token interfaces directly to remote access, document and e-mail applications like VPN clients, Adobe Acrobat, Microsoft Outlook, & Internet Explorer while also linking to other off-the-shelf certificate-based software products.* Even secure instant messaging can be supported.

Secure File Storage and Transport. With no driver install required, and easily managed public and private partitions, transporting confidential information couldn't be easier. Private data is protected by the user's fingerprint and only accessible to the user.

Dimensions	1.18in (W) x 3.62in (L) x 0.43in (H)
Weight	5.29 ounces (150g)
Interface	USB 1.1 / 2.0 (Full Speed, 12 Mbps)
Power Supply	DC 5 V (USB Bus powered)
Power Consumption	1 W maximum
Fingerprint Sensor	
Type	Capacitive
# of Pixels	192 x 128, 80um pixel
Authentication	
Method	Fingerprint Pattern Matching
Template Size	576 bytes
Verification	140 ms (1:1 matching)
Performance†	False Acceptance Rate <0.001%
	False Rejection Rate <1.0%

Encryption	
RSA	512 / 1024 / 2048 bits
DES	DES, 3DES
Software Interfaces	Microsoft CAPI (CSP), PKCS#11 v2.1, PKCS#12
Memory	64MB
Temperature	5-35 C (operational)
Safety Regulations	FCC Class B, UL
Security Standard	FIPS PUB 140-2 Level 2 compliant
System Requirements	Windows 2000, Windows XP
	Available USB port

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*Compatible software list will be maintained on www.sony.com/puppy.
† Measured by Sony at Verification Level 4.
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